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ABSTRACT OF THE DISCLOSURE

A surface acoustic wave device includes an asymmetrical double electrode which prevents a mismatch between reflected waves and propagating surface acoustic waves on strips, and which is capable of realizing a superior unidirectionality. This surface acoustic wave device includes the asymmetrical double electrode in which a half wavelength section includes first and second strips which have mutually different widths. The half wavelength is arranged to define a basic section. The surface acoustic wave device includes at least two of these basic sections disposed on a piezoelectric substrate. The absolute value of the vector angle of the reflection center is within approximately $45 \pm 10^\circ$ or within approximately $135 \pm 10^\circ$, when the center of the basic section is the reference position. Alternatively, the absolute value of the phase difference between the excitation center and the reflection center is within approximately $45 \pm 10^\circ$ or approximately $135 \pm 10^\circ$.